

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036957.D
 Acq On : 14 Aug 2023 12:04
 Operator : JC/MD
 Sample : VX0814MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBS01

Quant Time: Aug 15 01:27:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	156146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108774	47.080	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.160%		
35) Dibromofluoromethane	5.385	113	90542	50.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	8.647	98	297067	46.779	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.560%		
62) 4-Bromofluorobenzene	11.079	95	125098	52.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	38400	18.616	ug/l	99
3) Chloromethane	1.301	50	30622	16.322	ug/l	97
4) Vinyl Chloride	1.374	62	35178	18.416	ug/l	96
5) Bromomethane	1.599	94	20705	18.156	ug/l	98
6) Chloroethane	1.685	64	22360	24.077	ug/l	98
7) Trichlorofluoromethane	1.886	101	63254	21.443	ug/l	100
8) Diethyl Ether	2.136	74	22274	19.517	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	36048	20.341	ug/l	98
10) Methyl Iodide	2.453	142	40633	22.074	ug/l	94
11) Tert butyl alcohol	2.959	59	48696	89.028	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	32576	18.631	ug/l	89
13) Acrolein	2.240	56	27729	88.830	ug/l	100
14) Allyl chloride	2.666	41	54193	15.740	ug/l #	95
15) Acrylonitrile	3.063	53	97557	88.689	ug/l	99
16) Acetone	2.380	43	91717	95.665	ug/l	92
17) Carbon Disulfide	2.514	76	80434	16.668	ug/l	99
18) Methyl Acetate	2.703	43	69629	17.264	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	127708	19.437	ug/l	96
20) Methylene Chloride	2.788	84	38238	17.934	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	36306	18.579	ug/l	87
22) Diisopropyl ether	3.764	45	112407	17.195	ug/l #	87
23) Vinyl Acetate	3.721	43	432239	86.198	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	67295	18.361	ug/l	97
25) 2-Butanone	4.556	43	137975	88.702	ug/l	91
26) 2,2-Dichloropropane	4.477	77	67113	19.433	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	44261	19.070	ug/l	92
28) Bromochloromethane	4.898	49	32648	18.418	ug/l	83
29) Tetrahydrofuran	5.001	42	83891	83.652	ug/l #	87
30) Chloroform	5.093	83	74872	19.967	ug/l	98
31) Cyclohexane	5.471	56	54150	16.927	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	67966	19.781	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51609	19.335	ug/l	97
37) Ethyl Acetate	4.715	43	53591	17.739	ug/l	95
38) Carbon Tetrachloride	5.678	117	57649	20.316	ug/l	99
39) Methylcyclohexane	7.379	83	57504	17.326	ug/l	93
40) Benzene	6.038	78	150561	19.388	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28832	17.844	ug/l	90
42) 1,2-Dichloroethane	6.086	62	59868	21.086	ug/l	96
43) Isopropyl Acetate	6.342	43	89797	17.268	ug/l #	94
44) Trichloroethene	7.123	130	42531	20.953	ug/l	93
45) 1,2-Dichloropropane	7.428	63	39645	19.121	ug/l	98
46) Dibromomethane	7.580	93	29577	20.383	ug/l	95
47) Bromodichloromethane	7.818	83	58792	19.738	ug/l	96
48) Methyl methacrylate	7.690	41	42707	17.659	ug/l #	87
49) 1,4-Dioxane	7.659	88	19657	402.339	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	269328	93.587	ug/l	94
52) Toluene	8.720	92	100137	20.579	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	63688	18.918	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	67359	18.962	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	41487	20.283	ug/l	93
56) Ethyl methacrylate	9.116	69	63871	19.177	ug/l	92
57) 1,3-Dichloropropane	9.305	76	69282	20.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	164071	99.975	ug/l	94
59) 2-Hexanone	9.427	43	205897	96.401	ug/l	93
60) Dibromochloromethane	9.519	129	45699	20.327	ug/l	99
61) 1,2-Dibromoethane	9.610	107	43640	20.586	ug/l	98
64) Tetrachloroethene	9.275	164	38827	21.997	ug/l	99
65) Chlorobenzene	10.080	112	106548	20.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	41442	20.555	ug/l	98
67) Ethyl Benzene	10.195	91	192010	20.150	ug/l	100
68) m/p-Xylenes	10.299	106	146021	41.070	ug/l	100
69) o-Xylene	10.640	106	72333	20.382	ug/l	100
70) Styrene	10.653	104	119919	20.480	ug/l	97
71) Bromoform	10.799	173	31678	19.410	ug/l #	99
73) Isopropylbenzene	10.964	105	187596	19.215	ug/l	98
74) N-amyl acetate	10.842	43	75863	16.663	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	61187	18.556	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	53239m	19.187	ug/l	
77) Bromobenzene	11.195	156	44935	20.211	ug/l	94
78) n-propylbenzene	11.305	91	212870	18.853	ug/l	99
79) 2-Chlorotoluene	11.366	91	131696	19.249	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	158236	19.374	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19786	16.162	ug/l	89
82) 4-Chlorotoluene	11.451	91	152855	19.608	ug/l	99
83) tert-Butylbenzene	11.713	119	150374	18.741	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	159583	19.537	ug/l	98
85) sec-Butylbenzene	11.890	105	180691	18.058	ug/l	99
86) p-Isopropyltoluene	12.006	119	154019	18.706	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	84225	20.453	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	83526	20.439	ug/l	99
89) n-Butylbenzene	12.329	91	129624	17.587	ug/l	99
90) Hexachloroethane	12.536	117	26977	16.162	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	82065	20.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13966	18.226	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	47879	19.557	ug/l	96
94) Hexachlorobutadiene	13.725	225	18325	18.092	ug/l	96
95) Naphthalene	13.774	128	168228	19.718	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	48144	19.952	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

